FIG. 1

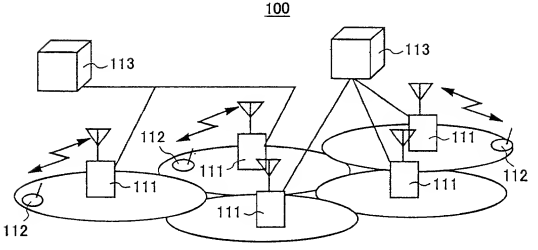

FIG. 2

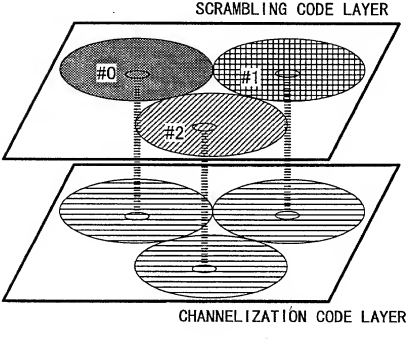

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FIG.3

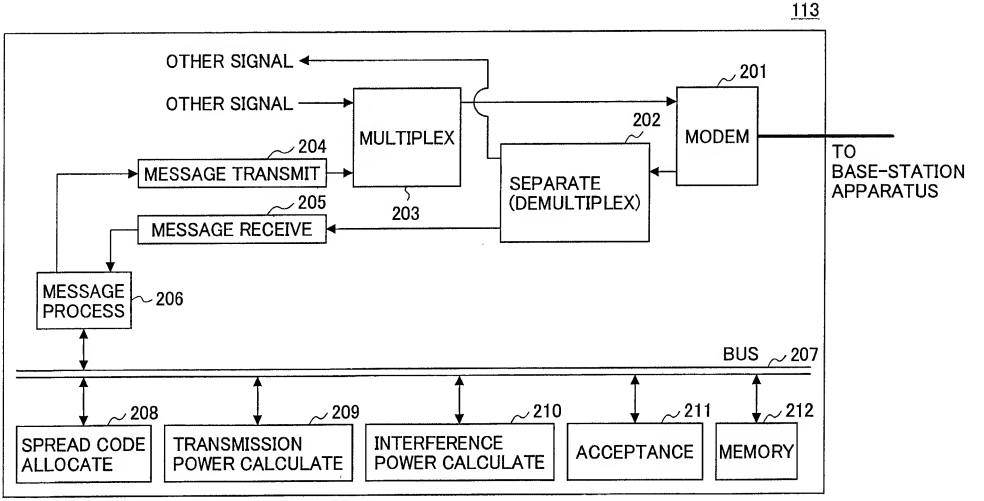

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FIG.4

BASE STATION 003

BASE STATION 002

BASE STATION 001

CHANNELIZATION CODE #	USE SITUATION (1 : ON USE, 0 : VACANT)
0	1
1	0
2	1
.	.
.	.
.	.
M	0

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FIG.5

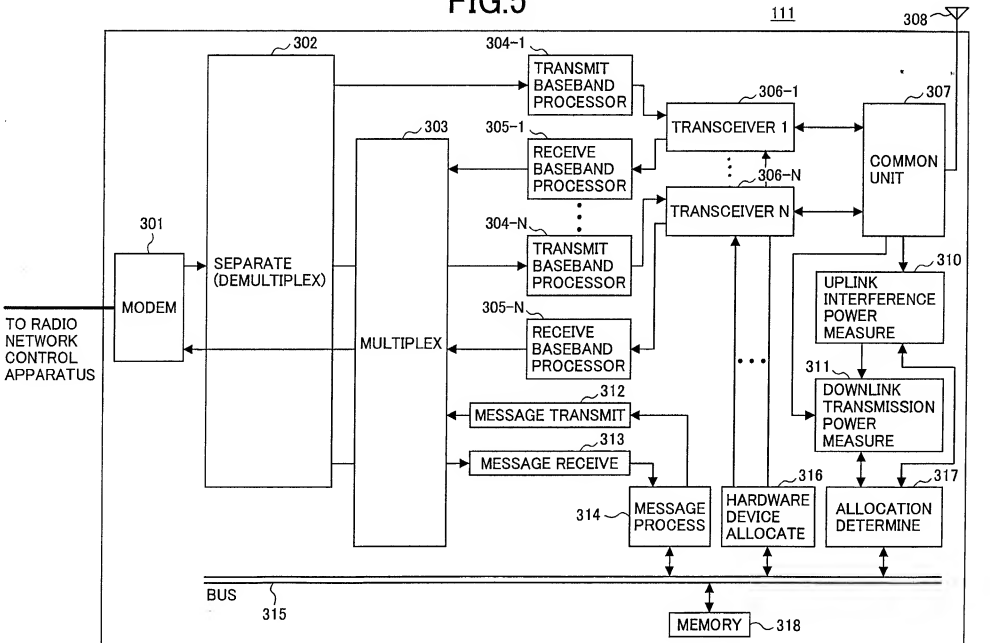

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FIG.6

HARDWARE DEVICE #	USE SITUATION (1 : ON USE, 0 : VACANT)
1	1
2	0
3	1
.	.
.	.
.	.
N	0

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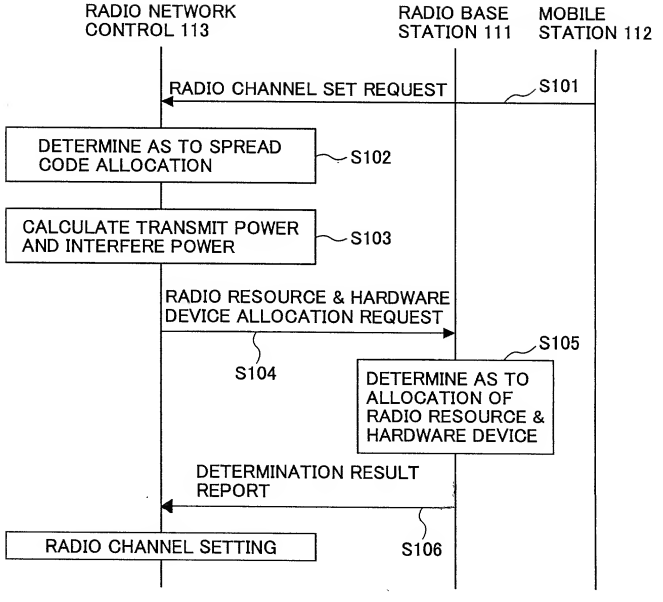
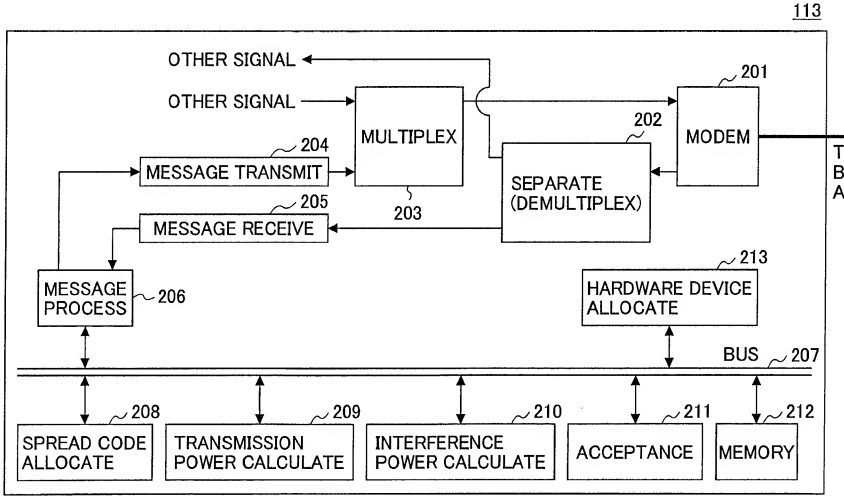
FIG.7


RADIO NETWORK CONTROL 113
RADIO BASE STATION 111
MOBILE STATION 112
RADIO CHANNEL SET REQUEST
S101
DETERMINE AS TO SPREAD CODE ALLOCATION
S102
CALCULATE TRANSMIT POWER AND INTERFERE POWER
S103
RADIO RESOURCE & HARDWARE DEVICE ALLOCATION REQUEST
S104
S105
DETERMINE AS TO ALLOCATION OF RADIO RESOURCE & HARDWARE DEVICE
DETERMINATION RESULT REPORT
RADIO CHANNEL SETTING
S106

2021.20 '2662/007

FIG.8



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INV: Yoshihiro ISHIKAWA, et al.
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FIG.9

BASE STATION 003

BASE STATION 002

BASE STATION 001

HARDWARE DEVICE #	USE SITUATION (1 : ON USE, 0 : VACANT)
1	1
2	0
3	1
.	.
.	.
.	.
N	0

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FIG.10

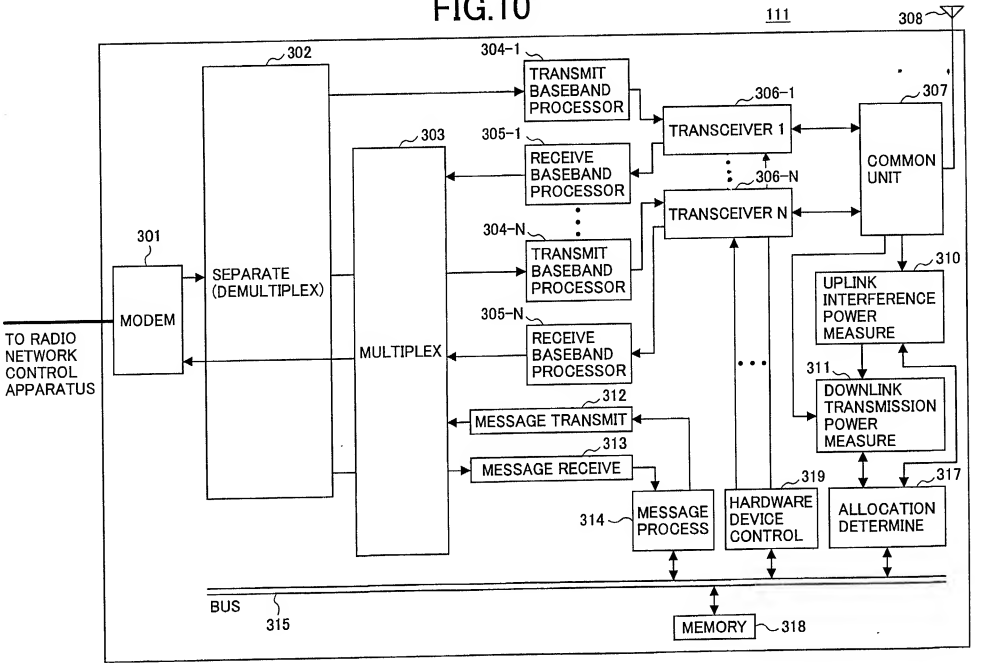

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FIG.11

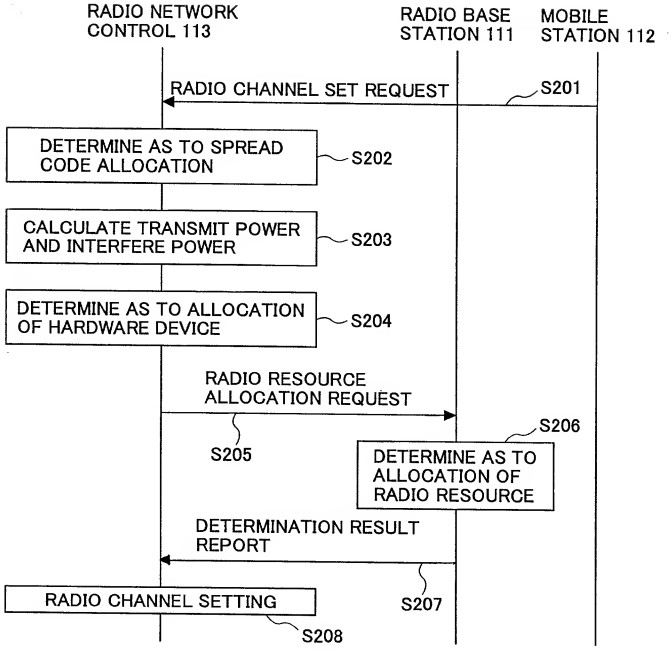
RADIO NETWORK CONTROL 113
RADIO BASE STATION 111
MOBILE STATION 112
RADIO CHANNEL SET REQUEST
S201
DETERMINE AS TO SPREAD CODE ALLOCATION
S202
CALCULATE TRANSMIT POWER AND INTERFERE POWER
S203
DETERMINE AS TO ALLOCATION OF HARDWARE DEVICE
S204
RADIO RESOURCE ALLOCATION REQUEST
S205
S206
DETERMINE AS TO ALLOCATION OF RADIO RESOURCE
DETERMINATION RESULT REPORT
S207
RADIO CHANNEL SETTING
S208

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FIG.12

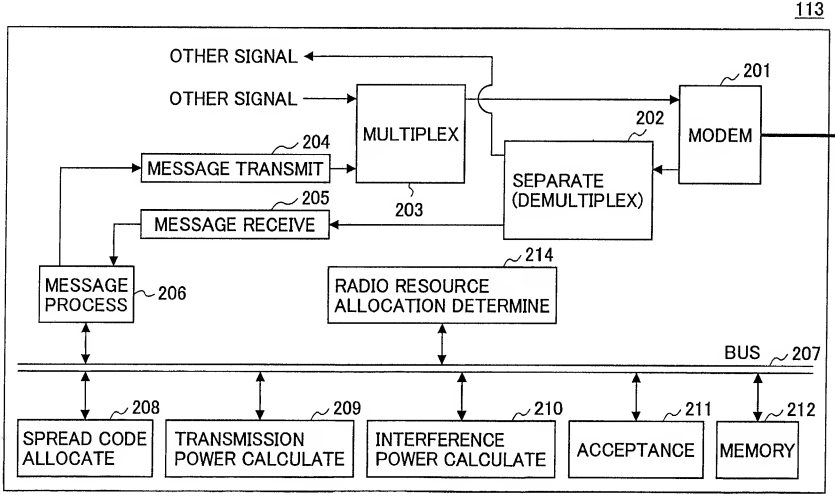

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FIG.13

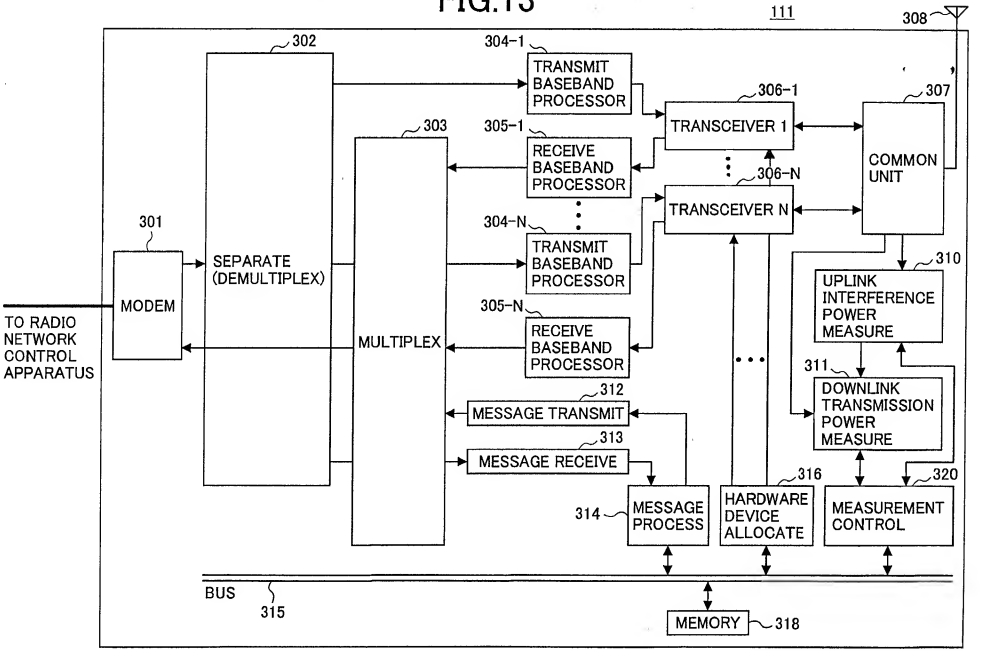

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FIG.14

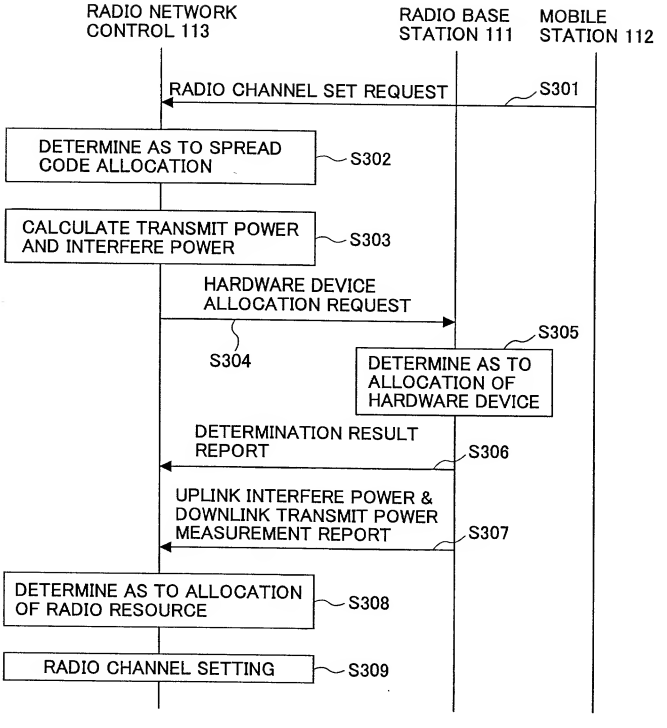
RADIO NETWORK CONTROL 113
RADIO BASE STATION 111
MOBILE STATION 112
RADIO CHANNEL SET REQUEST
S301
DETERMINE AS TO SPREAD CODE ALLOCATION
S302
CALCULATE TRANSMIT POWER AND INTERFERE POWER
S303
HARDWARE DEVICE ALLOCATION REQUEST
S304
S305
DETERMINE AS TO ALLOCATION OF HARDWARE DEVICE
DETERMINATION RESULT REPORT
S306
UPLINK INTERFERE POWER & DOWNLINK TRANSMIT POWER MEASUREMENT REPORT
S307
DETERMINE AS TO ALLOCATION OF RADIO RESOURCE
S308
RADIO CHANNEL SETTING
S309

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FIG.15

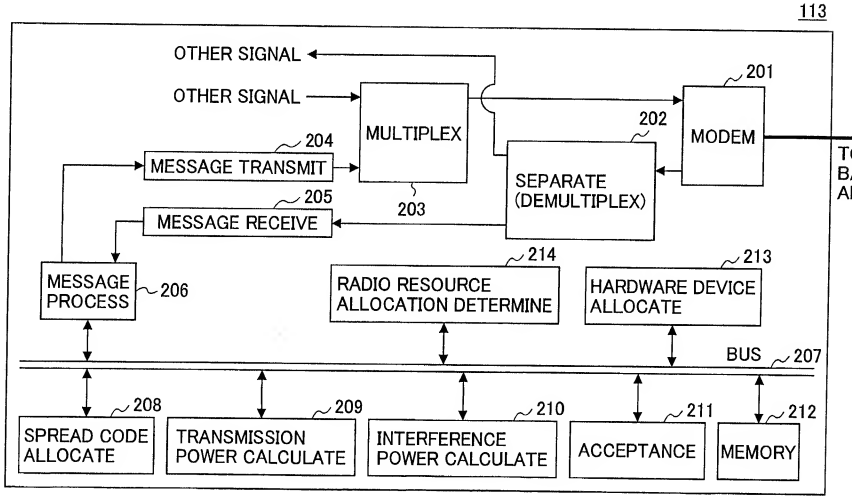

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FIG.16

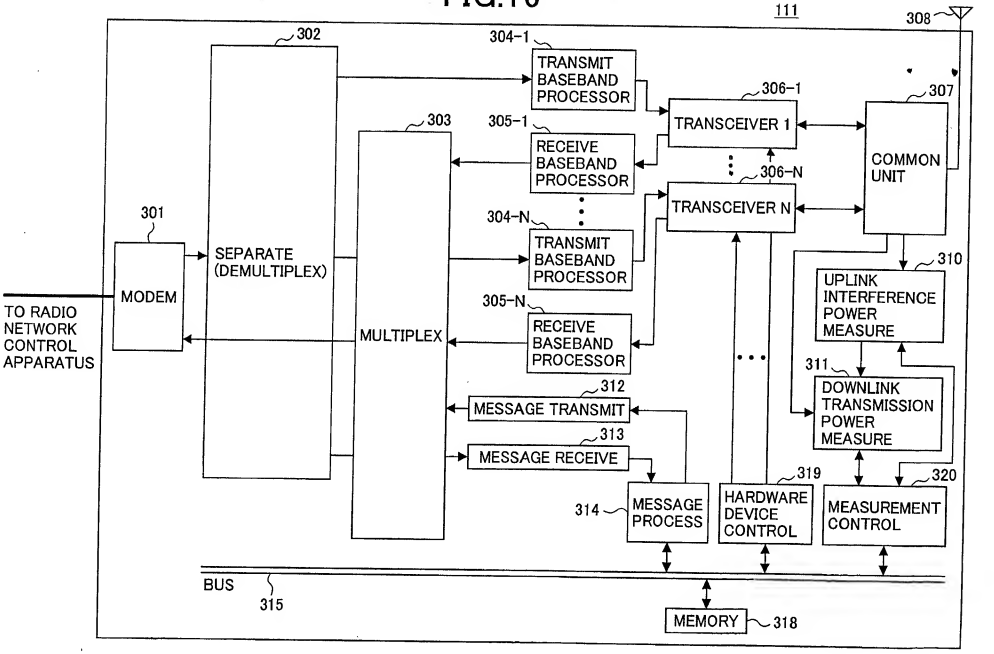

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FIG.17

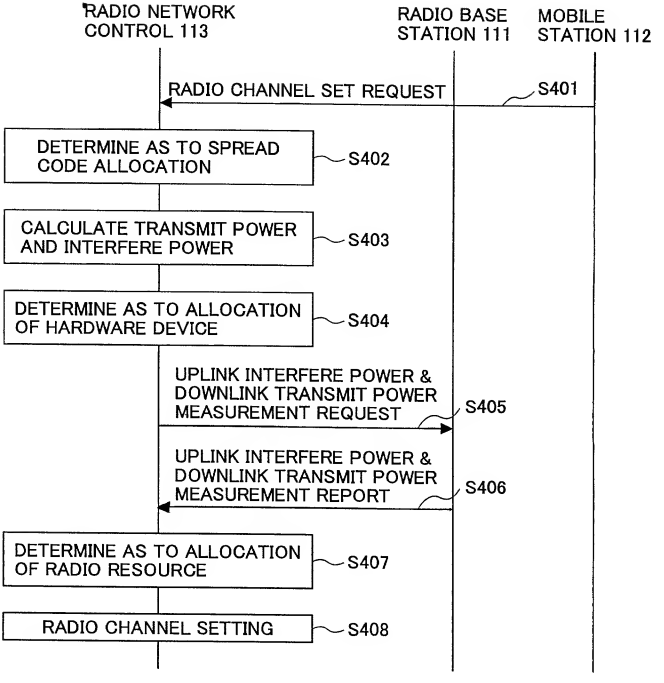

FIG.18

INTERFERENCE POWER THRESHOLD	TRANSMISSION POWER THRESHOLD
THR-i	THR-p

FIG.19

RADIO BASE STATION #	INTERFERENCE THRESHOLD	TRANSMISSION POWER THRESHOLD
0	THR-i1	THR-p1
1	THR-i2	THR-p2
2	THR-i3	THR-p3
.	.	.
.	.	.
.	.	.
K	THR-iK	THR-pK

FIG.20

RADIO CHANNEL TYPE #	INTERFERENCE POWER INCREASE AMOUNT	REQUIRED TRANSMISSION POWER
0	interfere1	power1
1	interfere2	power2
2	interfere3	power3
.	.	.
.	.	.
.	.	.
J	interfereJ	powerJ